

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-026590**Date Inspected:** 28-Oct-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1000**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Watson Bowman ACME**Location:** Buffalo, NY**CWI Name:** Reno Davis, John Crabtree**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

On this date, Quality Assurance Inspector (QAI) Kenneth Riley was present at the Watson Bowman Acme Corporation (WBA) facility, as requested, in Buffalo, New York to observe fabrication activities of the Seismic Expansion Joint Hinge A lanes for the San Francisco Oakland Bay Bridge (SFOBB) project.

This (QAI) Inspector met with Watson Bowman Acme Corporation (WBA) Quality Control (QCS) Supervisor John Miller and KTA-Tator (ABF Representative), Certified Welding Inspectors (CWI), Reno Davis Day Shift, and Mr. John Crabtree night shift. ABF Representatives are the Quality Control personnel for this location.

This QAI spoke with QCM for WBA Greg Ross concerning the 2 welder qualification test that was performed on 10-26-11. This QAI was informed that Niagara Testing would be cutting and bending both welder qualification test at approximately 1400 hrs today.

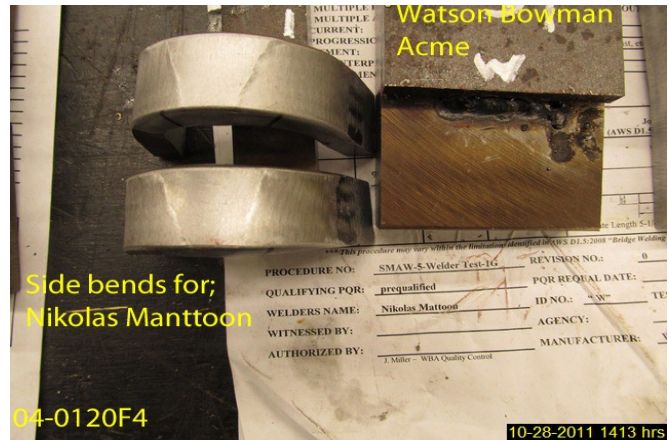
This QAI arrived at Niagara Testing to witness the bend test for the SMAW Welder qualifications for James DeVirgilio and Nikolas Mattoon. Niagara testing personnel had completed the cutting and polishing of the samples prior to the arrival of this QAI and the appearance looked acceptable. The technician then placed the samples within the bend test jig and performed the testing of the side bends. Once this was completed this QAI along with John Crabtree, ABF representative and the technician for Niagara Testing all agreed on acceptable results. This information was given to WBA's QCM by Niagara Testing.

WBA QCM Mr. Greg Ross has informed this QAI that the Submittals as discussed previously have been submitted as of close of business today.

# WELDING INSPECTION REPORT

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No production welding was observed on the day or night shift.



## Summary of Conversations:

Basic conversation, fundamental to completion of the tasks at hand, occurred between this QAI, ABF QC, and WBA personnel .

## Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy 510-385-5910, who represents the Office of Structural Materials for your project.

**Inspected By:** Riley, Ken

Quality Assurance Inspector

**Reviewed By:** Levell, Bill

QA Reviewer